FIG. 1

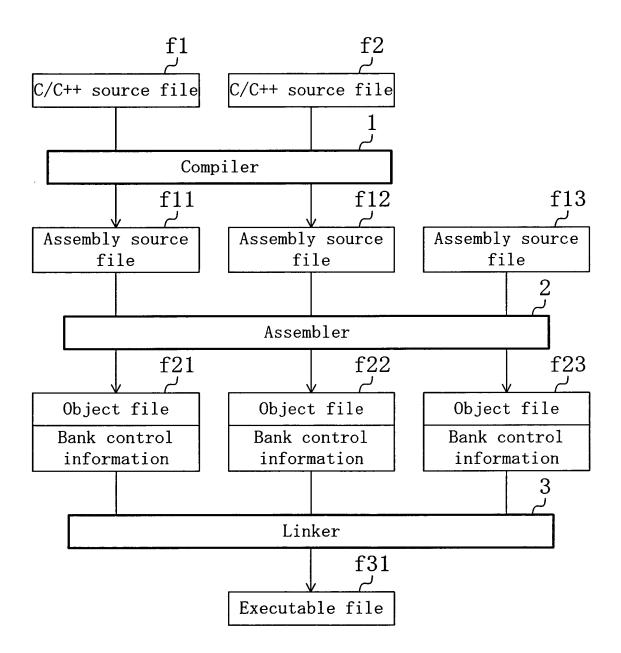


FIG. 2

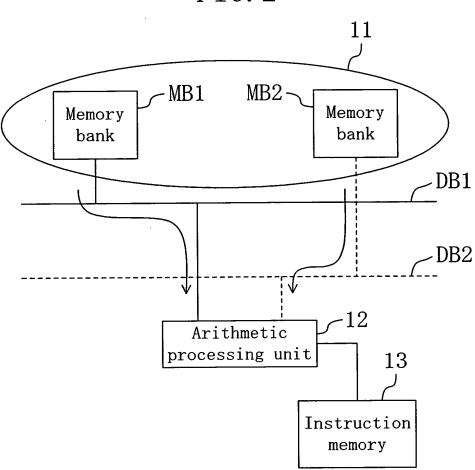


FIG. 3

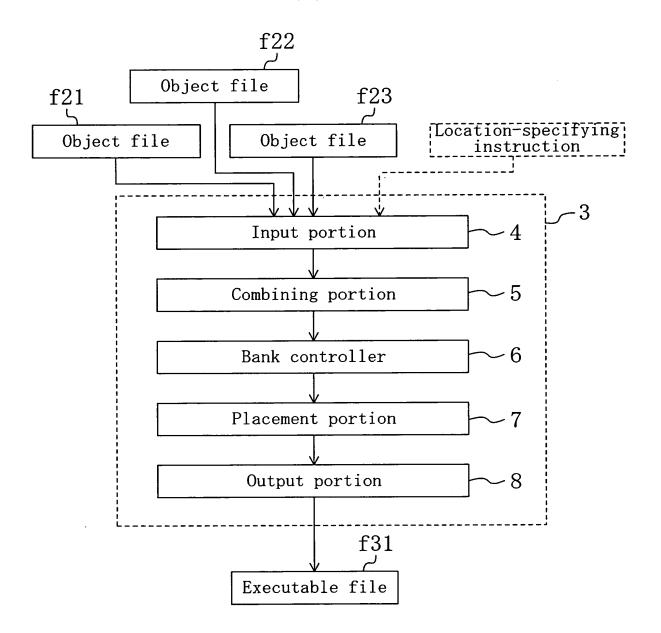


FIG. 4

	e1
MOV PO, _L1	(e1-1)
MOV P4, _L2	(e1-2)
REPN 10	(e1-3)
MOV M(PO), M(P4)	(e1-4)
MOV PO, _L3	(e1-5)
MOV M(PO), M(P4)	(e1-6)
MOV P4, _L4	(e1-7)
MOV M(P4), M(P0)	(e1-8)
MOV P4, _L1	(e1-9)
MUL R0, M(P0), M(P4)	(e1-10)
MOV PO, _L5	(e1-11)
MOV P4, _L6	(e1-12)
REPN 20	(e1-13)
MOV M(PO), M(P4)	(e1-14)

	7	-	
Bank BK1	e2	Bank BK2	e3 رے
L1 L3		L2 L4 L6	
L5			

FIG. 5

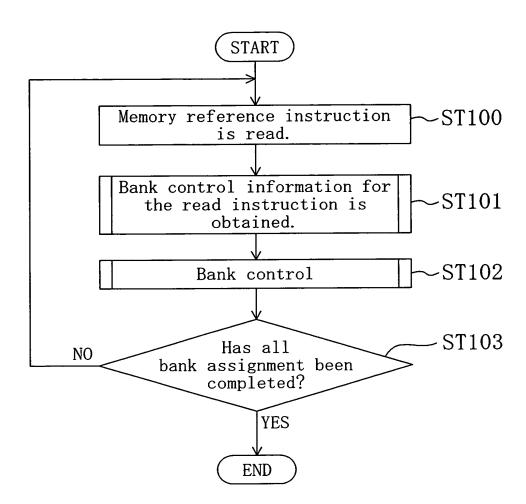
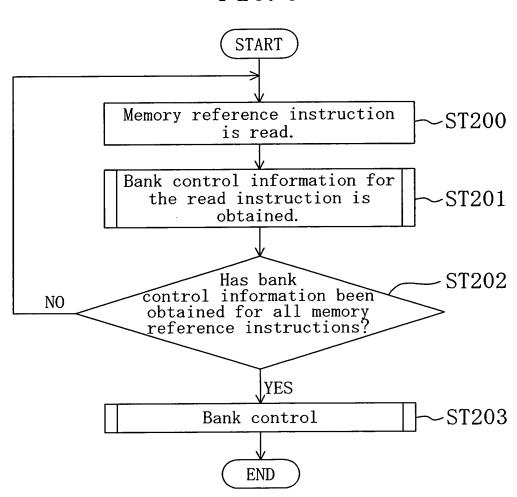


FIG. 6



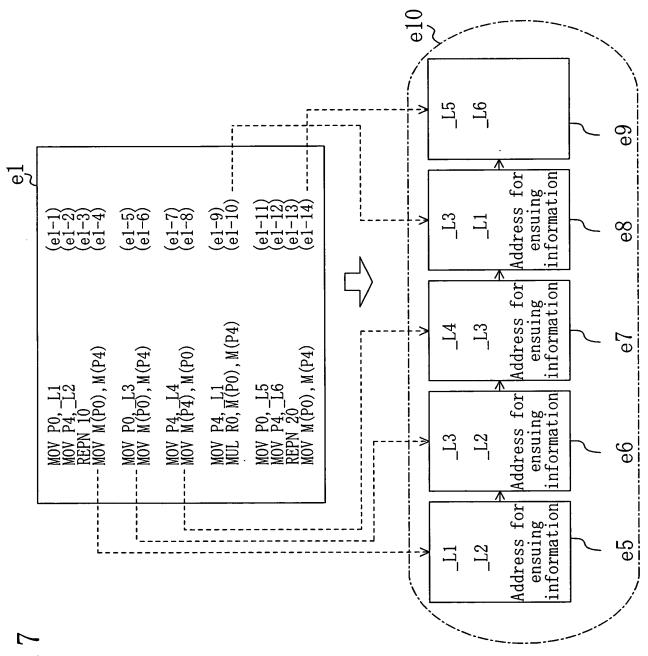
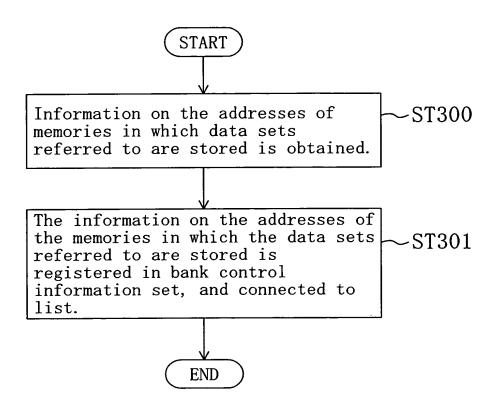
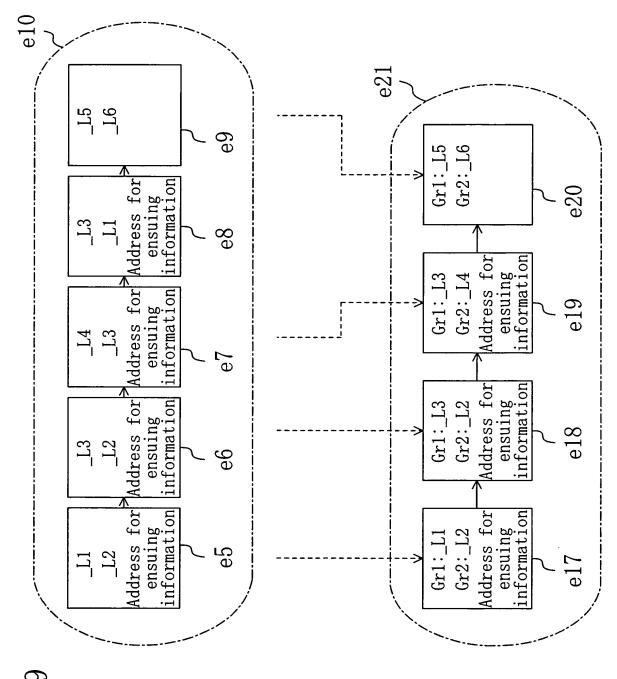


FIG. 7

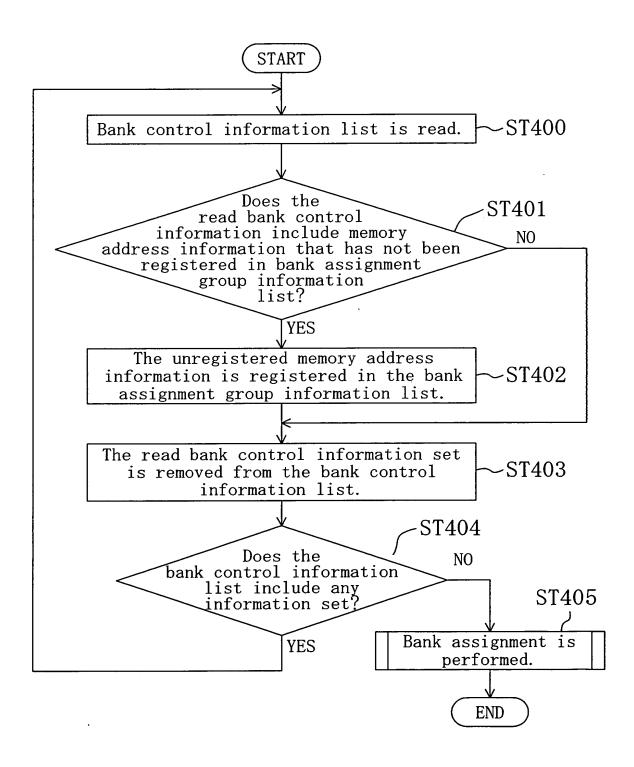
FIG. 8

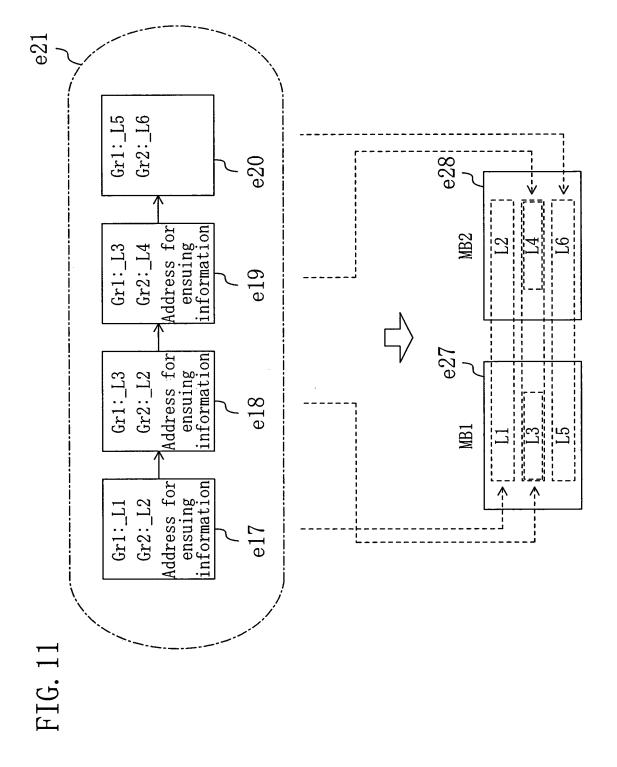


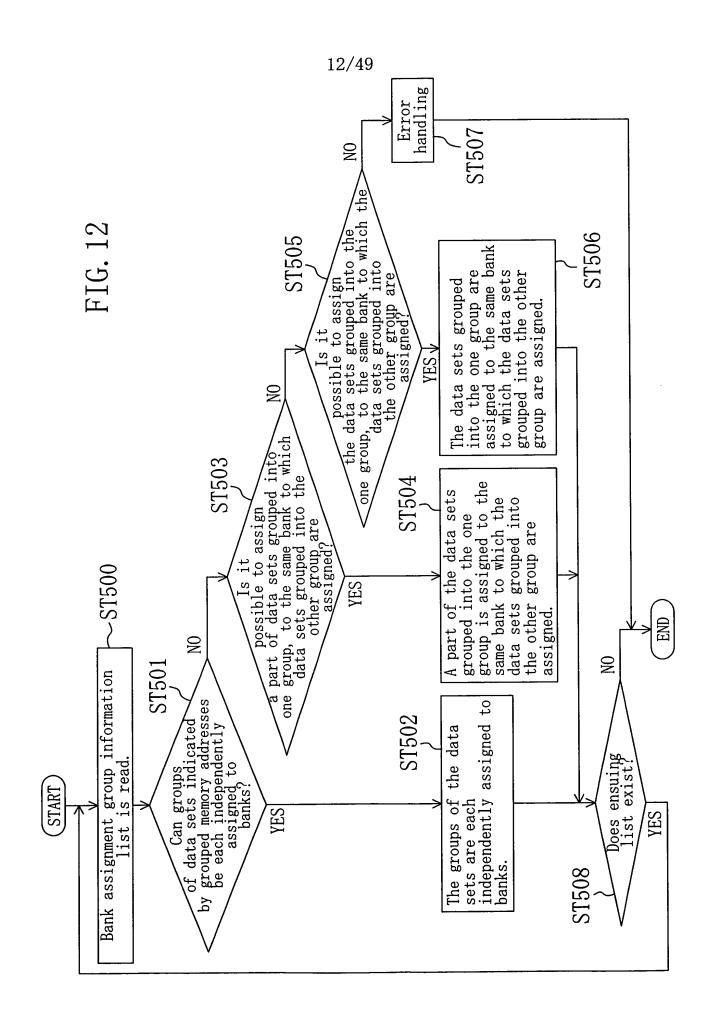


ï.G.

FIG. 10







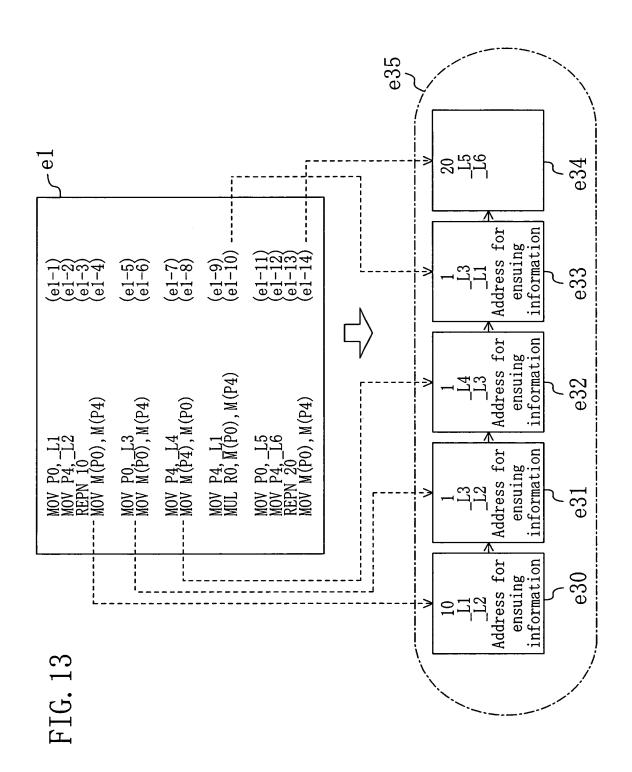


FIG. 14

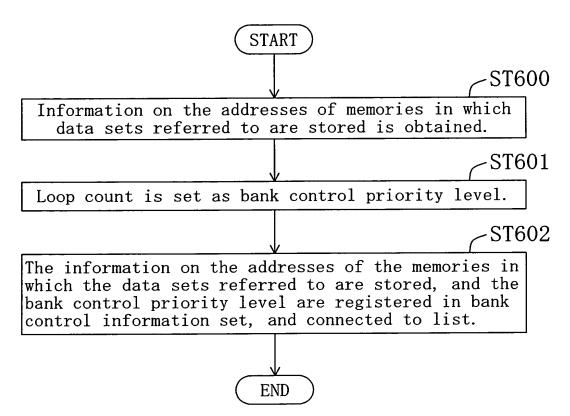
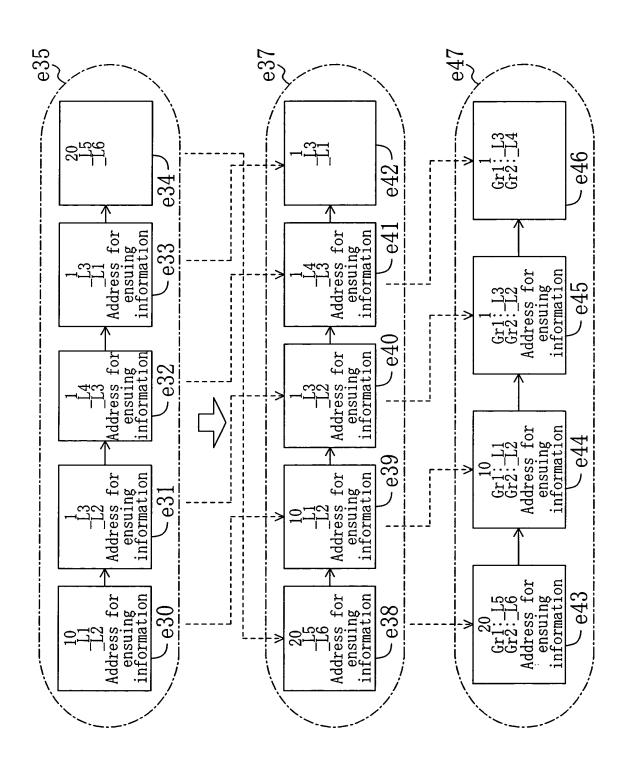
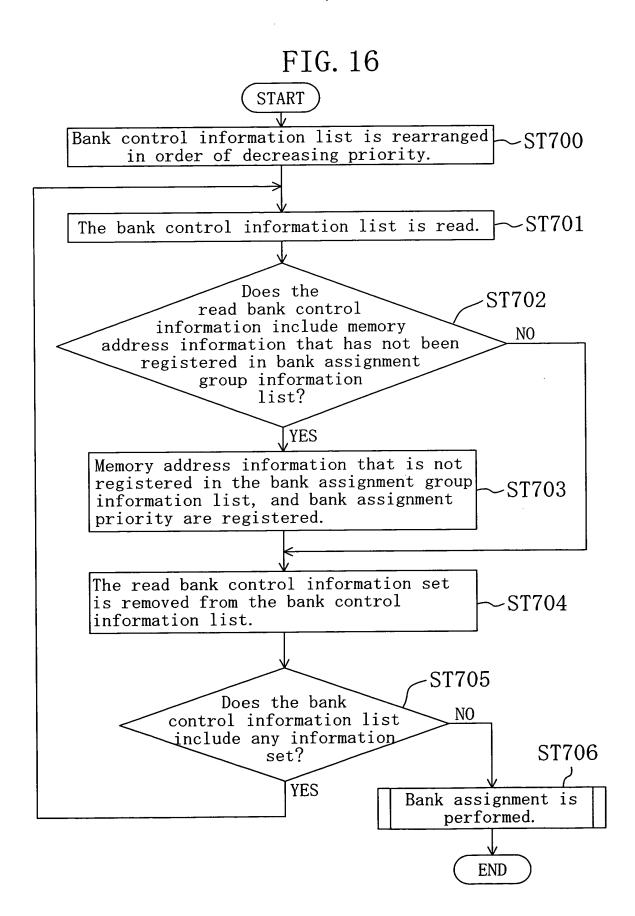


FIG. 15





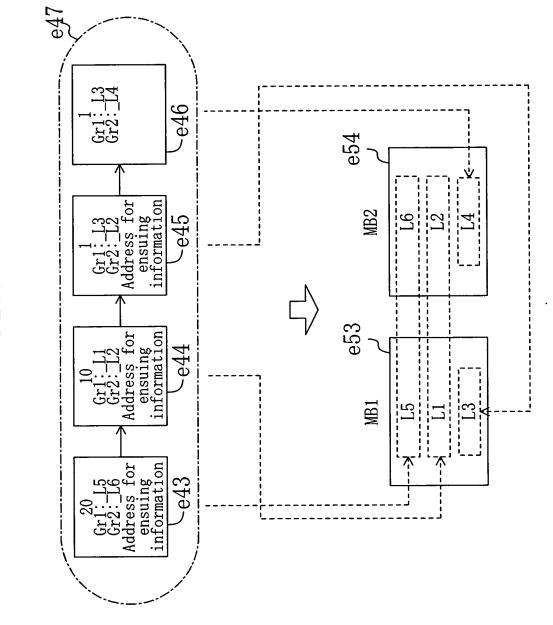
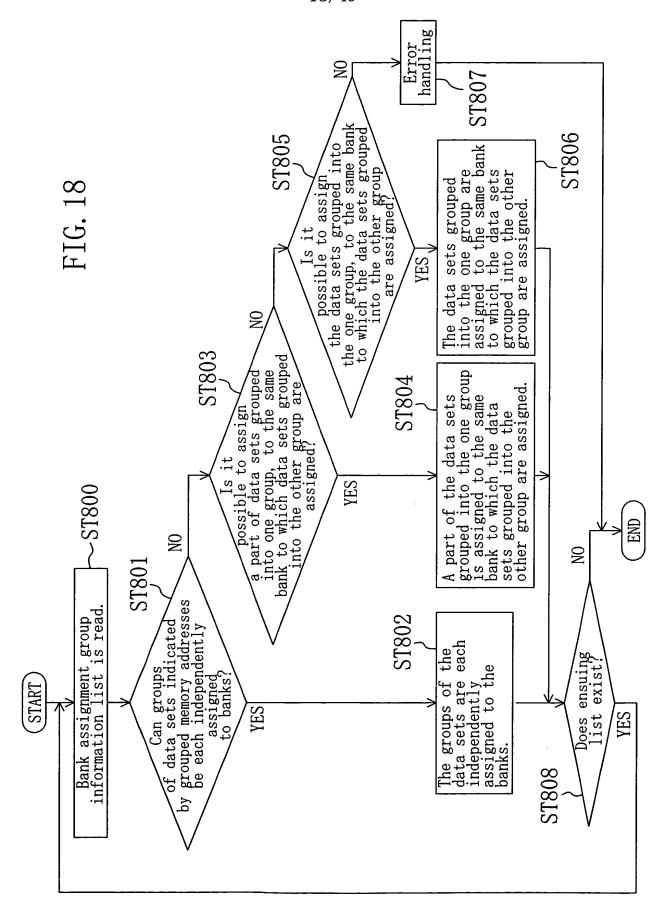


FIG. 17



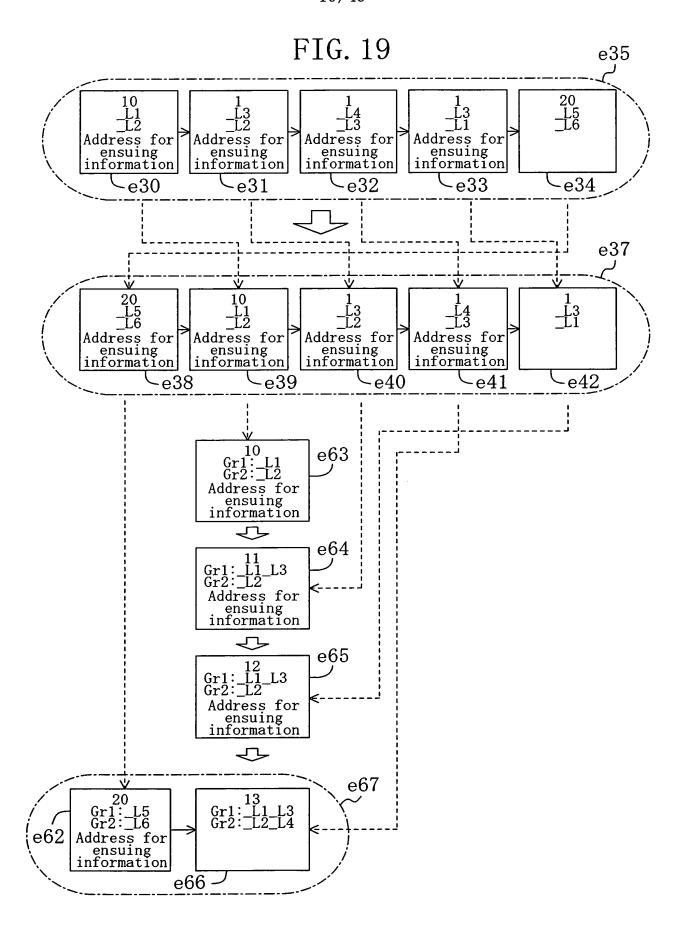
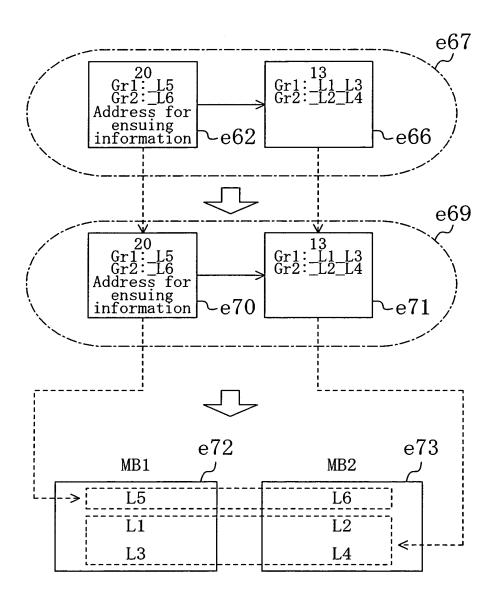


FIG. 20 START Bank control information list is rearranged in order of decreasing priority. ST900 The bank control information list is read. -ST901 Memory address information that has not been registered in bank assignment group information list is registered. -ST902 Overall priority is registered in the bank assignment group information list. -ST903 The read bank control information set is removed from the bank control information list. -ST904 ST905 Does the bank control information list include any information set? NO ST913 ST906 Bank assignment is YES performed. Ensuing bank control information list is read. END ST907 Has any memory address information that has already been registered in the bank NO assignment group information list, been registered in the read bank control information set? YES\ ST908 Has any memory address
information that has not been
registered in the bank assignment group
information list, been registered
in the read bank control NO information set? YES Memory address information that is not registered in the bank assignment group information list is registered. ST909 Priority for the read bank control information set is added to overall priority in the bank assignment group information list. ST910 The read bank control information set is removed from the bank control information list. ST911 ST912 Is the read bank control information NO set the final information in the bank control information list? YES

FIG. 21



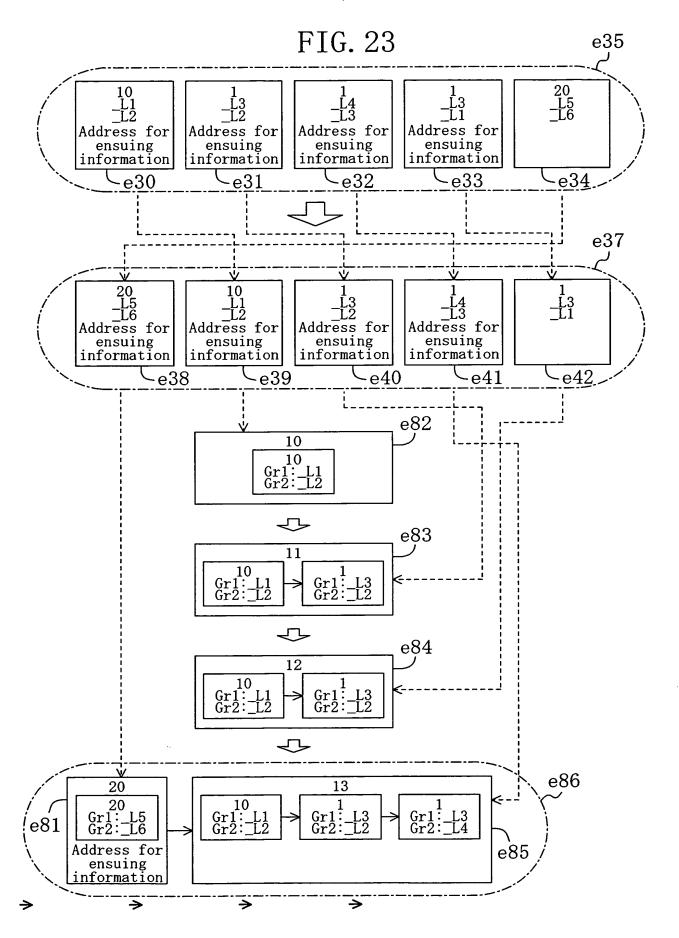
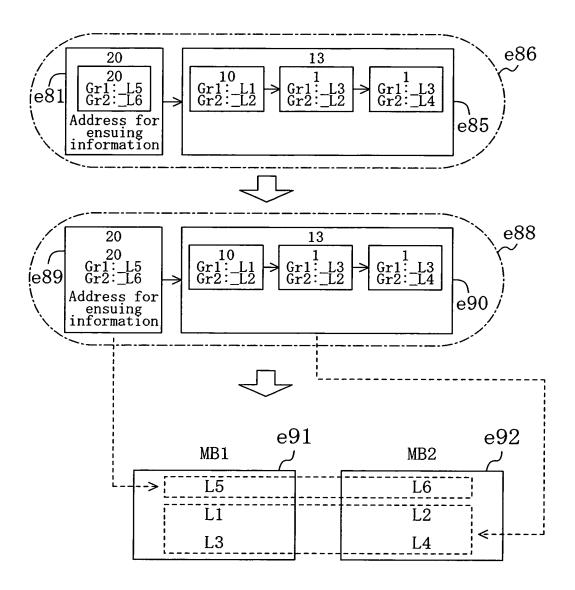


FIG. 24 START Bank control information list is rearranged in order of decreasing priority. -ST1100 ST1101 The bank control information list is read. Memory address information that is not registered in bank assignment group information list is registered. ST1102 Overall priority is registered in the bank assignment group information list. -ST1103 The read bank control information set is removed from the bank control information list. ST1104 ST1105 Does the bank control information NO ST1113 ist include any information set? ST1106 Bank assignment is YES performed. Ensuing bank control information list is read. **END** ST1107 Has any memory address information that has already NO been registered in the bank assignment group information list, been registered in the read bank control information set? YES ST1108 Has any memory address information that has not been registered in the bank assignment group information list, been registered in the read bank control NO information set? YES Memory address information that is not registered in the bank assignment group information list is registered. ST1109 Priority for the read bank control information set is added to overall priority in the bank assignment group information list. ST1110 The read bank control information set is removed from the bank control information list. -ST1111 ST1112 Is the read bank control information NO set the final information in the bank control information list? YES

FIG. 25



26/49FIG. 26 (START) Bank assignm nt group information list is rearranged in order of decreasing overall priority. -ST1200 The bank assignment group information list is read. ~ST1201 ST1202 Can groups of data sets indicated by grouped memory addresses be each ST1204 independently assigned to banks? Is it possible
to assign a part of data
sets grouped into one group, to
the same bank to which data
sets grouped into the
other group are
assigned? ST1203 NO YES ST1211 The groups of the data Is it possible to assign the data sets grouped into the one group, to the same bank to which the data sets sets are each independently assigned NO YES to the banks. grouped into the other group are assigned? Error Bank assignment information sets in bank assignment group information set are rearranged handling ST1205 ST1212 YES T in order of decreasing priority. Bank assignment information sets in bank assignment group information set are rearranged in order of decreasing priority. ST1218 ST1206 Bank assignment information sets are read. ST1213 Bank assignment information ST1207 sets are read. Can groups of data sets grouped in the bank assignment information NO ST1214 Can groups of data sets grouped sets, be each independently assigned to banks? in the bank assignment NO ST1209 information sets, be each independently assigned to banks? A part of data sets ST1208 YES ST1216 grouped into one group is assigned to the same bank to ST1215 The groups of the The data sets grouped which data sets into one group are assigned to the same YES data sets are each grouped into the other independently group are assigned The groups of the assigned to banks bank to which the data sets grouped into data sets are each independently assigned to banks. the other group are ST1210 assigned. Is there any unprocessed bank assignment ST1217 information set? Is there any unprocessed bank assignment information set? YES YES ST1219

> Does nsuing list exist? YES

NO

END

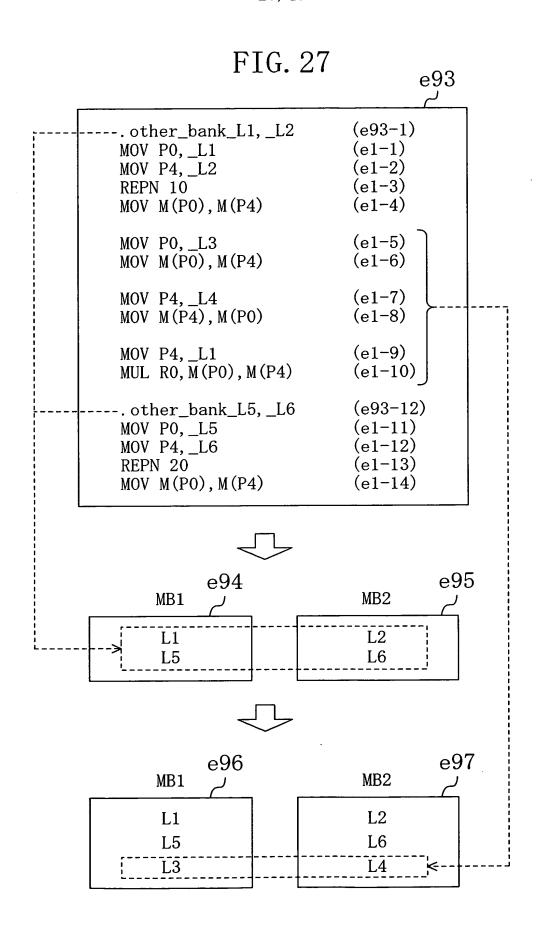


FIG. 28

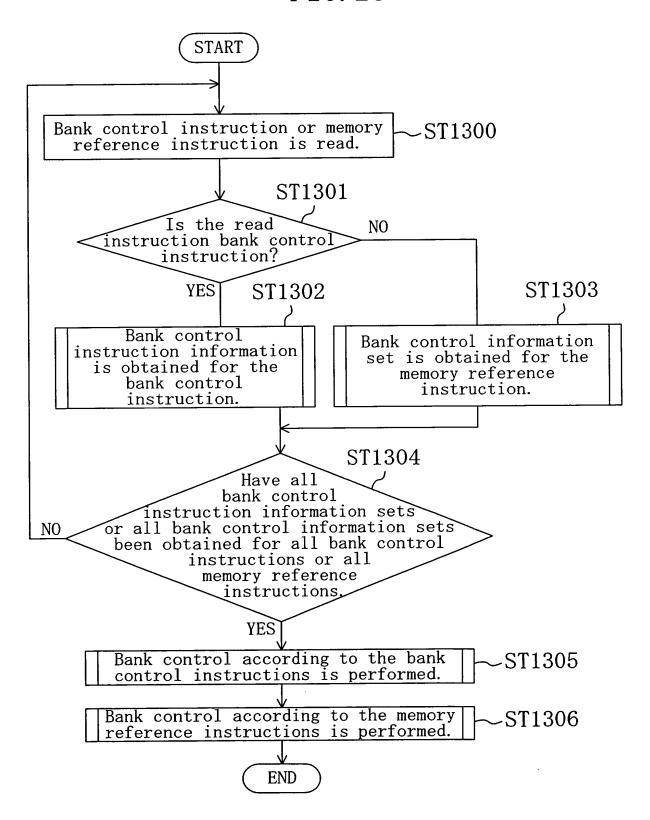


FIG. 29

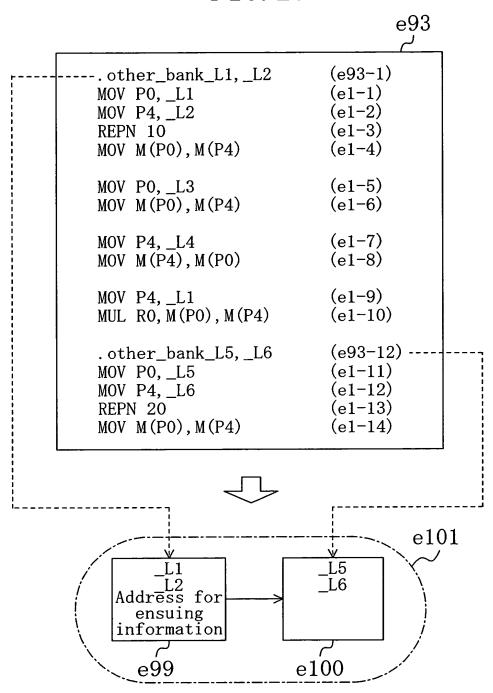


FIG. 30

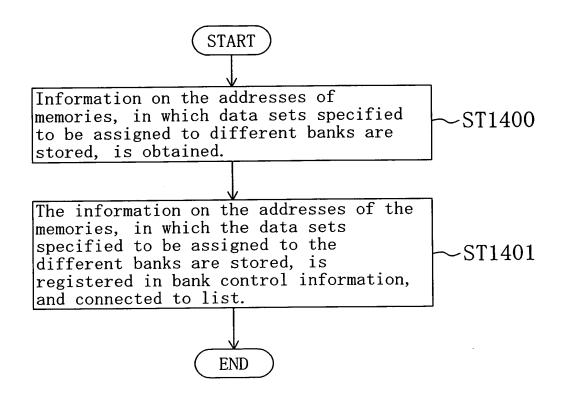


FIG. 31

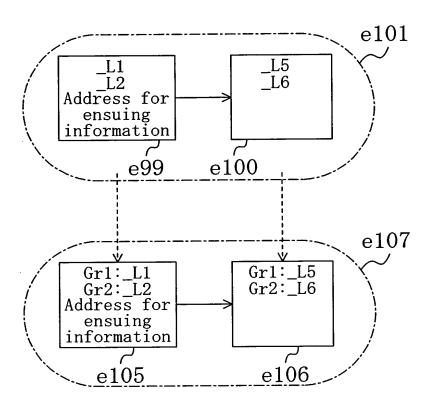


FIG. 32

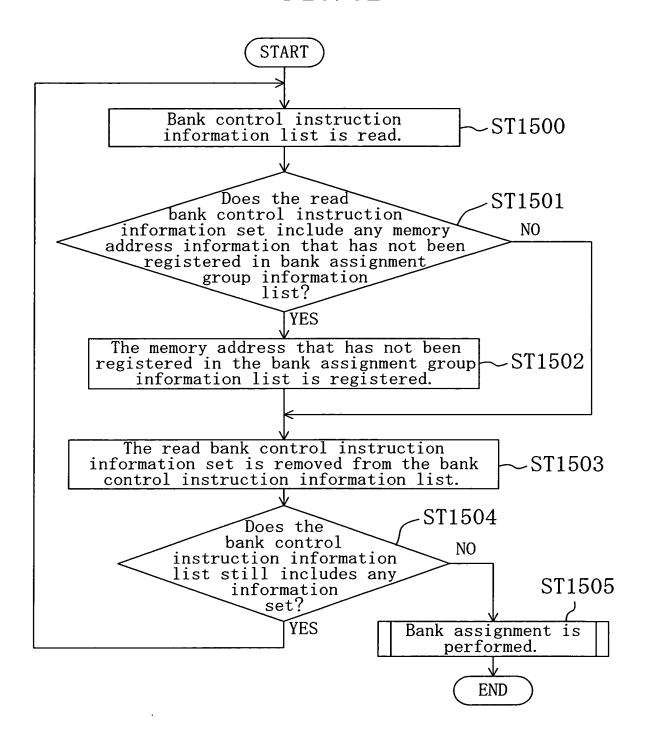
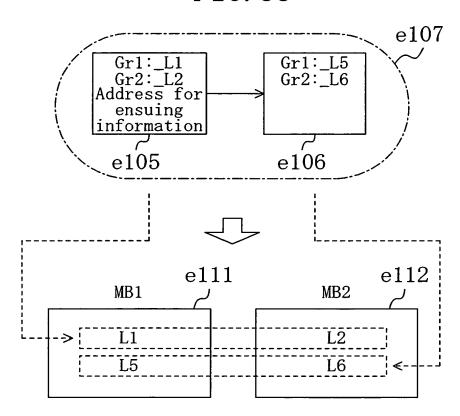


FIG. 33



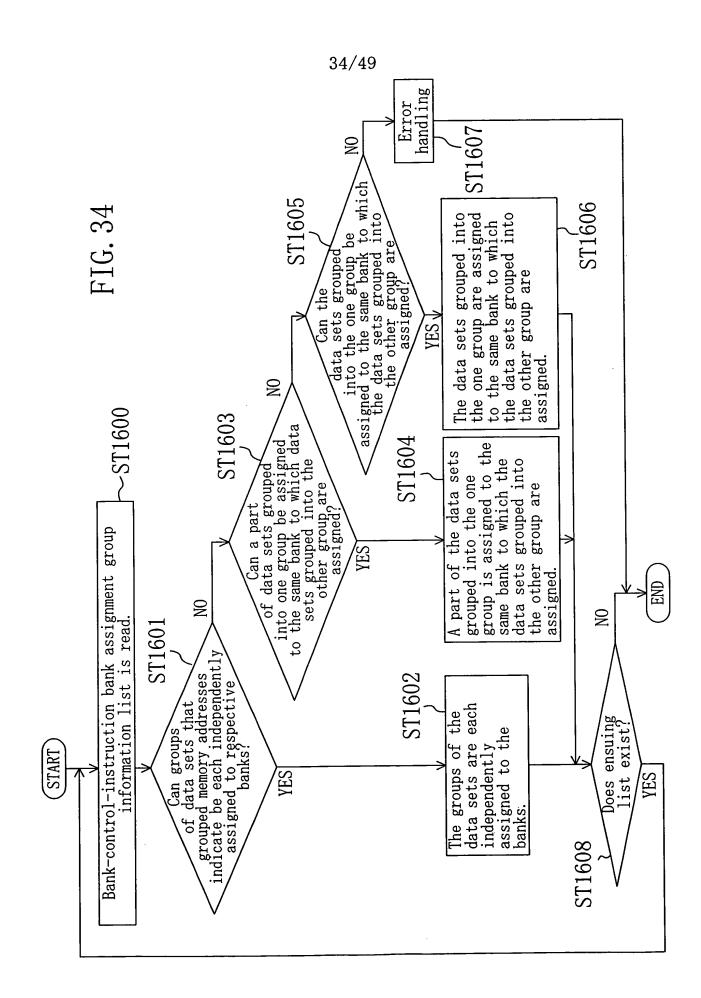


FIG. 35

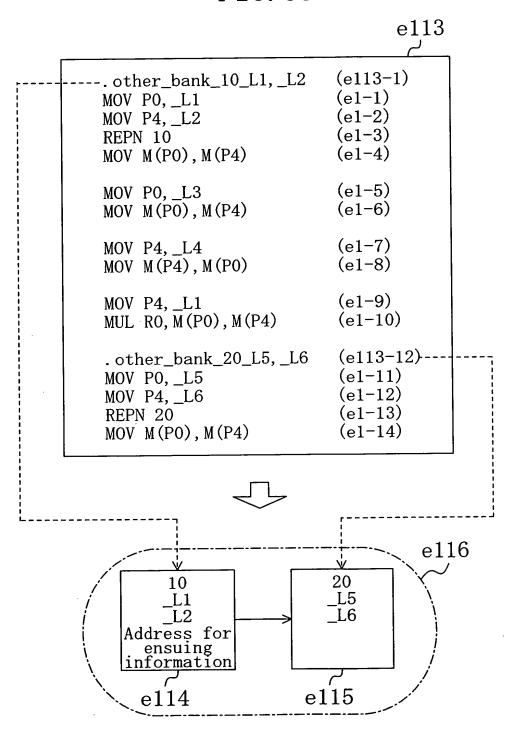


FIG. 36

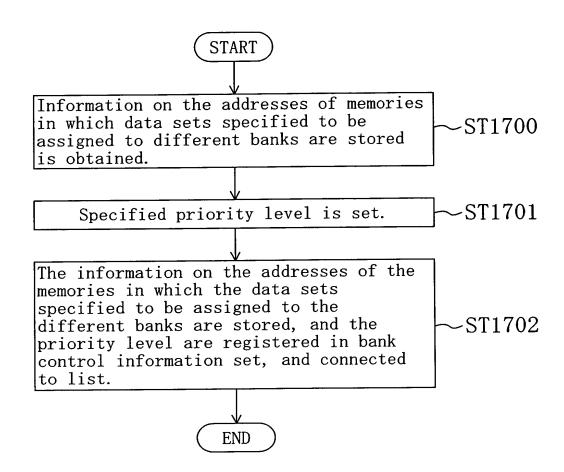


FIG. 37

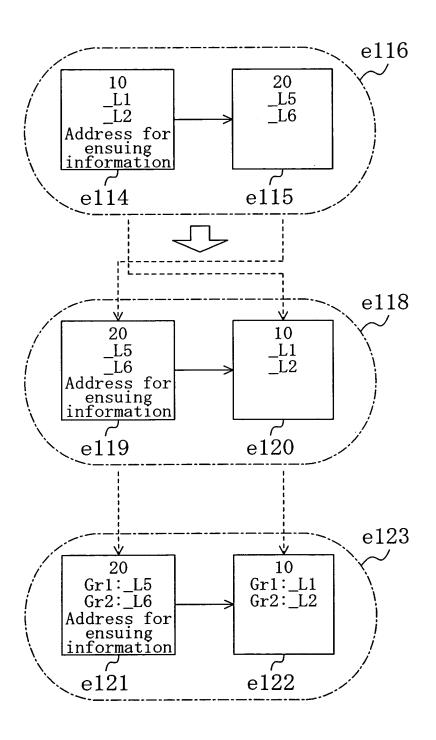


FIG. 38

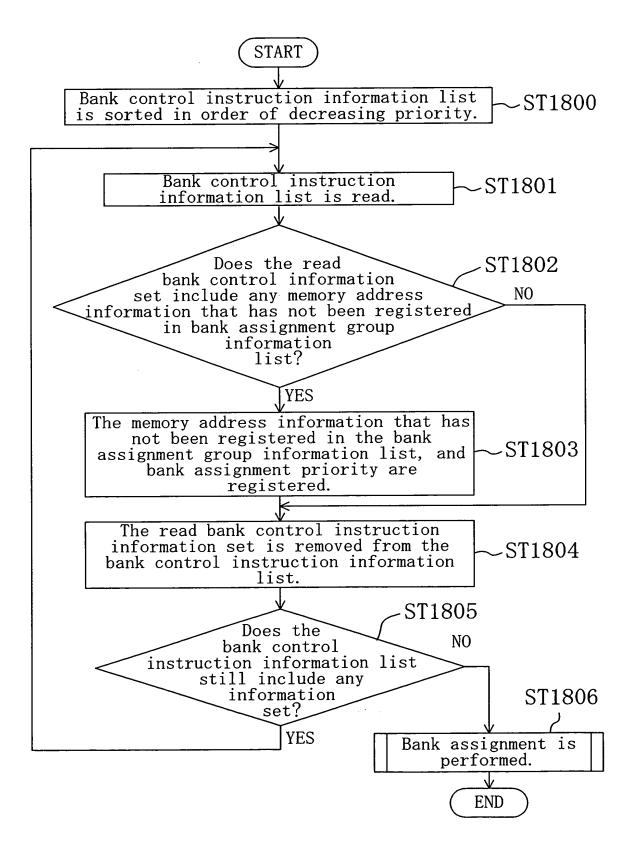
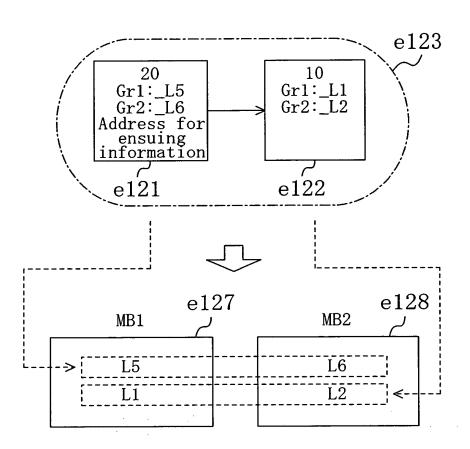
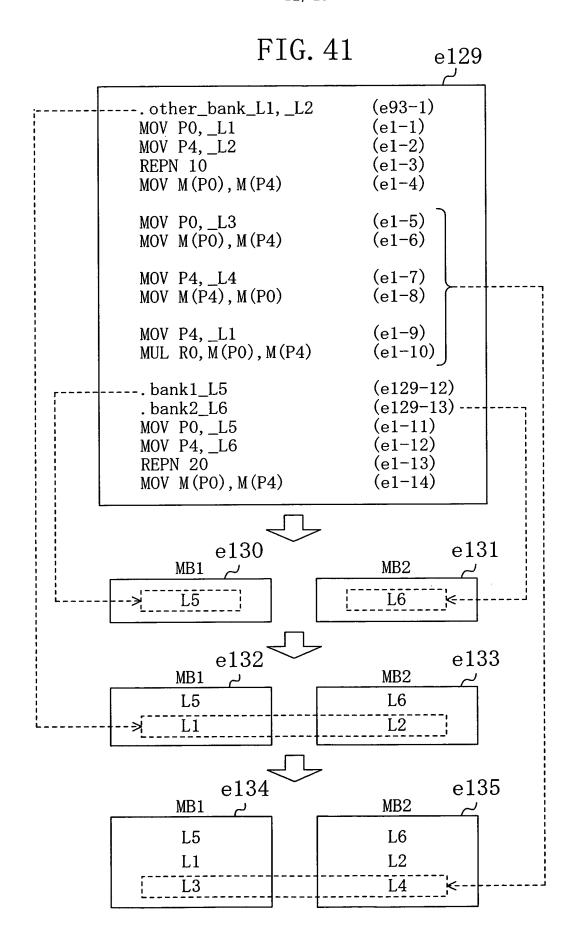


FIG. 39





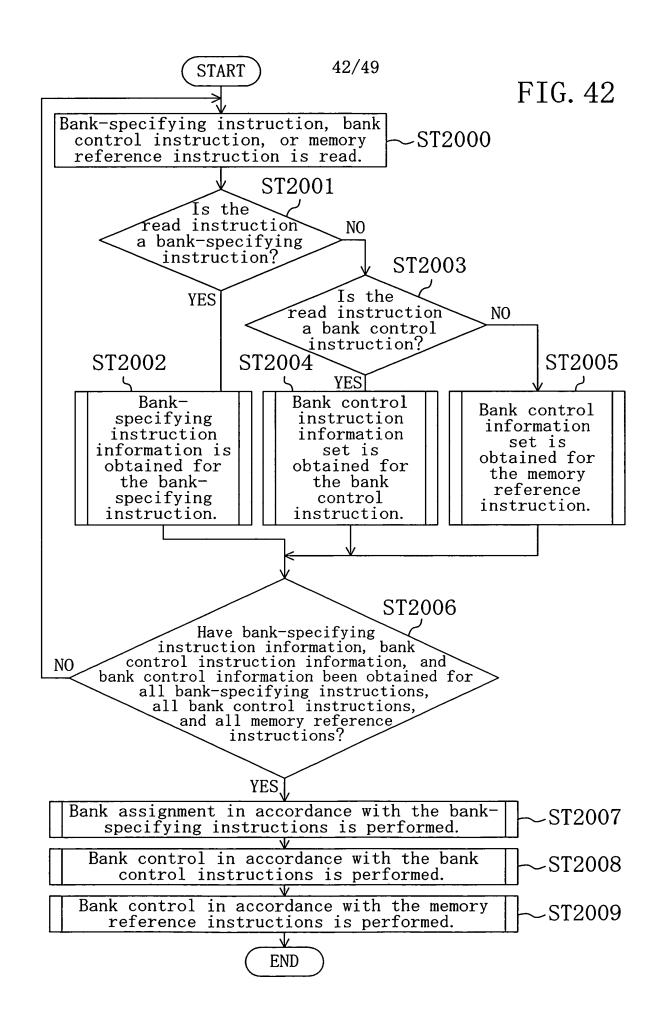


FIG. 43

	e129
.other_bank_L1,_L2	(e93-1)
MOV PO,_L1	(e1-1)
MOV P4,_L2	(e1-2)
REPN 10	(e1-3)
MOV M(PO),M(P4)	(e1-4)
MOV PO,_L3	(e1-5)
MOV M(PO),M(P4)	(e1-6)
MOV P4,_L4	(e1-7)
MOV M(P4),M(P0)	(e1-8)
MOV P4, _L1	(e1-9)
MUL RO, M(P0), M(P4)	(e1-10)
. bank1_L5	(e129-12)
. bank2_L6	(e129-13)
MOV PO, _L5	(e1-11)
MOV P4, _L6	(e1-12)
REPN 20	(e1-13)
MOV M(PO), M(P4)	(e1-14)
e137	
MB1:_L5 MB2:_L6	

FIG. 44

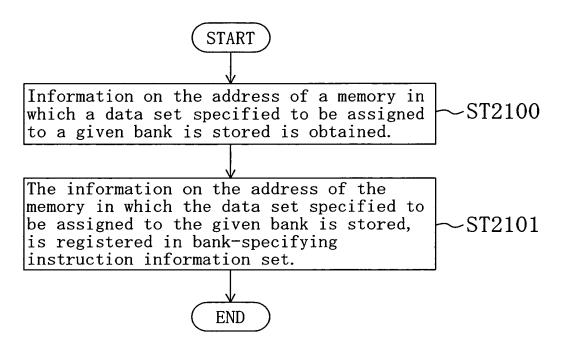


FIG. 45

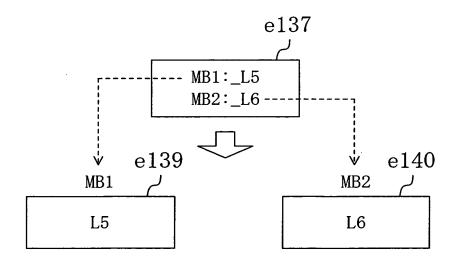


FIG. 46

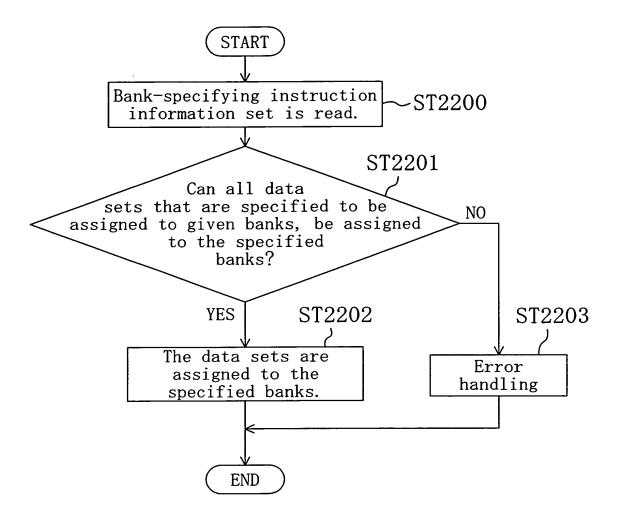


FIG. 47A

Information on the addresses of memories in which data sets to be referred to are stored. Address information that indicates location in which ensuing bank control information set is to be stored.

FIG. 47B

Bank control priority
Information on the addresses of memories in which data sets to be referred to are stored.
Address information that indicates location in which ensuing bank control information set is to be stored.

FIG. 48A

Group 1 Group 2

Address information that indicates location in which ensuing bank assignment group information set is to be stored.

FIG. 48B

Bank assignment priority

Group 1 Group 2

Address information that indicates location in which ensuing bank assignment group information set is to be stored.

FIG. 48C

Overall bank-assignment priority

Group 1 Group 2

Address information that indicates location in which ensuing bank assignment group information set is to be stored.

FIG. 48D

Overall bank-assignment priority Bank assignment Bank assignment Bank assignment information 1 information m information 2 Priority Priority Priority Group 1 Group 1 Group 1 Group 2 Group 2 Group 2 • • • Group n Group n Group n Address information that indicates location in which ensuing

bank assignment group information set is to be stored.

FIG. 49A

Information on the addresses of memories in which data sets designated by bank control instruction are stored.

Address information that indicates location in which ensuing bank control instruction information set is to be stored.

FIG. 49B

Priority

Information on the addresses of memories in which data sets designated by bank control instruction are stored.

Address information that indicates location in which ensuing bank control instruction information set is to be stored.

FIG. 50A

Group 1 Group 2

Group n

Address information that indicates location in which ensuing bank assignment group information set a is to be stored.

FIG. 50B

Bank assignment priority

Group 1 Group 2

Group n

Address information that indicates location in which ensuing bank assignment group information set b is to be stored.

FIG. 51

Information on the address of a memory in which a data set specified to be assigned to a given bank is stored.